

J. Johnson  
#5 7-29-86  
IDS. Statement  
**PATENT**  
Docket No. 5634.074

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: John C. Harvey and James W.  
Cuddihy

Serial No.: 08/442,383

Filing Date: 16-May-95

For: Signal Processing Apparatus and  
Methods

Group Art Unit: 2602

Examiner:

Assistant Commissioner for Patents  
Washington D.C. 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in  
conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the  
attention of the Patent and Trademark Office is hereby directed to the references listed  
on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the  
following applications:

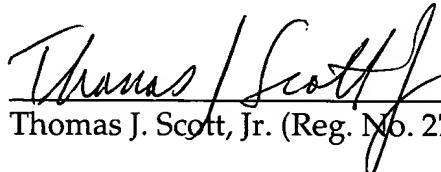
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825
06/829,531	February 14, 1986	4,704,725
06/317,510	November 3, 1981	4,694,490

Applicants believe that all references cited on the attached Form PTO-1449, as are all references of record in this case, were submitted to the PTO in one or more of the priority applications and/or U.S. Patent Application Serial No. 08/397,582 filed March 2, 1995. Therefore, no copies of the listed references are provided herewith. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office action on the merits, no certification or fee is required.

Respectfully submitted,

  
Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: April 1, 1996

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PATENTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : :

**John C. Harvey and James W. Cuddihy** : Examiner:

Serial No. 08/442,383 : Group Unit: 2602

Filed 16-May-95 : Atty Dkt: 5634.074

For **SIGNAL PROCESSING APPARATUS AND METHODS**

**COPENDING RELATED U.S. PATENT APPLICATIONS**

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Listed below are copending U.S. patent applications related to this application.

<u>Application No.</u>	<u>Filing Date</u>	<u>Atty. Dkt.</u>
08/113,329	30-Aug-93	5634.008
08/397,371	2-March-95	5634.017
08/397,582	2-March-95	5634.010
08/397,636	2-March-95	5634.012
08/435,757	9-May-95	5634.036
08/435,758	9-May-95	5634.041
08/437,044	9-May-95	5634.047
08/437,045	9-May-95	5634.042
08/437,629	9-May-95	5634.044
08/437,635	9-May-95	5634.045
08/437,791	9-May-95	5634.040
08/437,819	9-May-95	5634.049
08/437,864	9-May-95	5634.038
08/437,887	9-May-95	5634.037
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08/438,011	9-May-95	5634.050
08/438,206	9-May-95	5634.039

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08/438,659	9-May-95	5634.043
08/439,668	15-May-95	5634.062
08/439,670	15-May-95	5634.081
08/440,657	15-May-95	5634.051
08/440,837	15-May-95	5634.059
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08/441,749	16-May-95	5634.082
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08/442,507	16-May-95	5634.089
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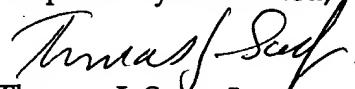
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08/478,767	7-Jun-95	5634.316
08/478,794	7-Jun-95	5634.347
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08/511,491	6-Jun-95	5634.274

REMARKS

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a), Applicants herewith submit a reference to all related copending U.S. Patent Applications now pending before the U.S. Patent and Trademark Office.

Respectfully submitted,



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Attorney for Applicants

Date: December 13, 1995  
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<b>Information Disclosure Statement by Applicant</b>  <b>Title: Signal Processing Apparatus and Method</b>	Attorney Docket No. 5634.074	Serial No. 08/442,383
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date 16-May-95	Group 2602

### U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	2,875,270	2/24/59	Wendt et al.	178/5.1	
	3,440,427	4/22/69	Kammer	250/210	
	3,485,946	12/23/69	Jackson et al.	178/6	
	3,500,327	3/10/70	Belcher et al.	340/154	
	3,560,936	2/2/71	Busch	340/172.5	
	3,564,509	2/16/71	Perkins et al.	340/172.5	
	3,602,891	8/31/71	Clark et al.	340/172.5	
	3,651,471	3/21/72	Haselwood et al.	340/172.5	
	3,696,297	10/3/72	Otero	325/55	
	3,712,956	1/23/73	Lemelson	178/6.6A	
	3,733,431	5/15/73	Kirk, Jr., et al.	178/5.1	
	3,836,888	9/17/74	Boenke et al.	340/172.5	
	3,848,082	11/12/74	Summers	178/5.6	
	3,849,729	11/19/74	Van Baggem	325/31	
	3,889,054	6/10/75	Nagel et al.	178/6.8	
	3,906,450	9/16/75	Prado, Jr.	340/150	
	3,936,868	2/3/76	Thorpe	358/22	

Examiner	Date Considered
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**Examiner:** Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Information Disclosure Statement by Applicant</b>  <b>Title: Signal Processing Apparatus and Method</b>	Attorney Docket No. 5634.074	Serial No. 08/442,383
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date 16-May-95	Group 2602

**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	3,947,624	3/30/76	Miyake	178/6	
	3,947,972	4/6/76	Freeman	35/8 A	
	3,973,206	8/3/76	Haselwood et al.	325/455	
	3,982,065	9/21/76	Barnaby et al.	178/5.8	
	3,984,637	10/5/76	Caudill et al.	179/2	
	3,987,397	10/19/76	Belcher et al.	325/308	
	3,996,583	12/7/76	Hutt et al.	340/324	
	4,016,361	4/5/77	Pandey	358/83	
	4,026,555	5/31/77	Kirschner et al.	273/85	
	4,032,972	6/28/77	Saylor	358/142	
	4,042,958	8/16/77	Saylor et al.	358/141	
	4,048,562	9/13/77	Haselwood et al.	325/31	
	4,052,719	10/4/77	Hutt et al.	340/324	
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	4,074,315	2/14/78	Kawamura et al.	358/142	
	4,078,316	3/14/78	Freeman	35/8 A	

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<b>Information Disclosure Statement by Applicant</b>		Attorney Docket No. 5634.074	Serial No. 08/442,383
Applicant(s) John C. Harvey and James W. Cuddihy			
<b>Title: Signal Processing Apparatus and Method</b>		Filing Date 16-May-95	Group 2602

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Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,081,832	3/28/78	Sherman	358/124	
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	4,099,258	7/4/78	Parsons	364/900	
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	4,120,003	10/10/78	Mitchell et al.	358/142	
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\*- If pertinent

\*\*\*- Claims priority from parent application filed prior to Nov. 3, 1981.

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Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation	
					Yes	No
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<b>Examiner:</b> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>Information Disclosure Statement by Applicant</b>	Attorney Docket No. 5634.074	Serial No. 08/442,383
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date 16-May-95	Group 2602

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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
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<b>Title: Signal Processing Apparatus and Method</b>		

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
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